

1973

Outlook Magazine, Autumn 1973

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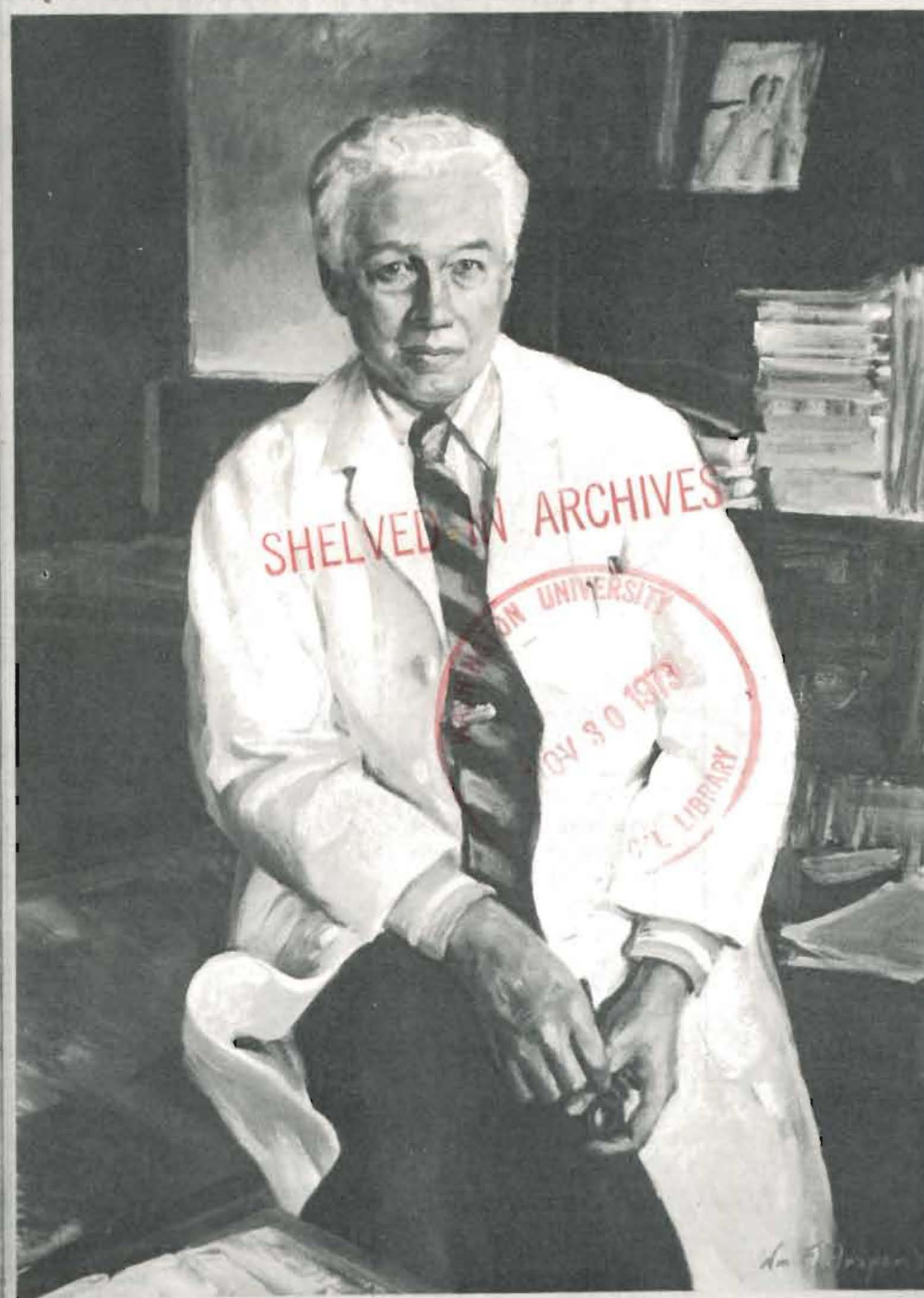
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Outlook

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Washington University School of Medicine

Autumn, 1973

The Dean Comments

CENTREX and A New Number

Beginning December 2, 1973, the telephone number for the Washington University School of Medicine News Bureau and the Medical Center Alumni Office will be (314) 454-2515.

On this date the familiar FOrEst 7-6400 (more recently 367-6400) number of the Medical School and Barnes Hospital will be retired as the institutions change over to the CENTREX computerized operation.

Callers who wish to be connected to a telephone within the Medical Center, but who do not know the party's new number, will now call 454-2000—unless the person wishes to talk with a Barnes Hospital patient, and then the number is 454-3900.

Readers of Outlook may be interested in the sweeping changes that have taken place over the last few years in the organization known as The Association of American Medical Colleges. Ten years ago it was often called a Deans' Club. The meetings were attended by medical school deans as well as assistant and associate deans, particularly those with responsibility for student affairs. The offices of the Association were in Evanston, Illinois. There was a very small full-time staff. The head man was called the Executive Director. He often journeyed to Washington in an effort to follow or influence legislation affecting U.S. medical schools, but since he also had much to do in Evanston it was a difficult task. Many members of the Congress were unaware of the existence of the AAMC.

Then change began to come. The offices were moved from Evanston to Washington, D.C. Greatly increased financial support for the Association was obtained. John A. D. Cooper, M.D., Ph.D., was selected as the AAMC's first full-time president. He continues



to function very effectively in this role. The staff was greatly expanded. Persons familiar with the legislative process were added.

At the same time the membership within the AAMC was greatly enlarged. The deans were organized into a Council of Deans and two other councils were added—the Council of Teaching Hospitals and the Council of Academic Societies. Thus not only has the total membership increased severalfold but there is a much broader representation from other groups interested in medical education. The annual meetings that were formerly attended by 200 or 300 persons now attract more than 1,000.

Dr. Cooper and members of his staff spend a great deal of time appearing before legislative committees and talking to congressmen and members of the executive branch. The interests of academic medicine are much better served in Washington. Most members of the Congress have heard much from the AAMC.

M. Kenton King, M.D.
Dean

Outlook

*Washington University
School of Medicine*

Autumn, 1973

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ON THE COVER

Carl V. Moore, M.D., Portrait Unveiled

A portrait of the late Carl V. Moore, M.D., was unveiled at the first annual lecture in his honor on September 21 in Clopton Amphitheatre.

The portrait, painted by New York artist William Draper was presented to the school by James A. Wood, M.D., president of the Washington University Medical Center Alumni Association. The late Dr. Moore's wife, the former Dorothy Adams, was present.

Paul A. Marks, M.D., professor of medicine and vice president for health

services at Columbia University College of Physicians and Surgeons, spoke on "The Thalassemia Syndromes—Genetic and Biochemical Aspects."

Dr. Moore, who died August 13, 1972, was Busch Professor and head of the department of medicine from 1955 until his death. He was dean of the Medical School (1954-1955) and the first vice chancellor for medical affairs (1964-1965).

A pioneer in the investigation of iron deficiency anemia and other blood

diseases, Dr. Moore was elected to the National Academy of Sciences in 1970.

Co-chairmen of the Carl V. Moore Memorial committee are Philip W. Majerus, M.D., and Stuart Kornfeld, M.D.

Pictured on the back cover from left are Dean M. Kenton King, M.D.; Philip W. Majerus, M.D.; Mrs. Carl V. Moore; and James A. Wood, M.D.

The Class of '77— Qualified and Diversified



Homogeneous? It isn't. Yet.
But give it time.

It is the Medical School Class of '77, with 126 members who come from nearly every state (and one foreign country), bringing their strengths along with their idiosyncrasies. And strong they are, being the select few from the 6,258 who applied for admission to this entering class.

There are some items of interest about the class: It includes 22 women, 27 married students, with a husband-wife team, both who earned Ph.D. degrees before coming here, 18 have parents who are physicians or dentists, 16 are minority students, and the ages of the freshmen range from 19 to 30 with a median of 22 years. Eleven were accepted after only three years of college.

There is one thing the group has in common. They are creative.

From information submitted on their registration forms, it was learned that two-thirds have expressed some enthusiasm or accomplishment in music. The fields listed were jazz, choral, chamber, and symphonic, with a folk dancer, flautist and concertmaster included. Music is one of the fine threads that delicately weaves the class together.

And this group has another strength: journalistic achievement. There are several who, in addition to heavy study loads, worked on their college newspapers, annuals and/or magazines.

In answer to questions about extracurricular interests, some of those mentioned were spelunking, ski racing, salmon mooching and social rehabilitation at a penitentiary.

In a group with so many far reaching interests, it is apparent that those contacted would have just as many responses to their first weeks at medical school. Reactions to the orientation period were dissimilar. One young man said, "The speeches were unnecessarily lengthy."

However, a coed was positively affected by the talks. "I felt that the orientation information enabled me to understand the Medical Center and its complex organization," she affirmed.

Another area of dimensional reac-

tions was in settling down to study. Some had barely graduated when their transition to learn more about Washington University began, so that their schooling did not really stop, it just took a breather.

Others were far removed from study. One said, "It has been six years since I was responsible for classes, papers and tests, and it is a bit of an adjustment to schedule my time in relation to how much material I must cover."

There were those who had more basic information in the sciences, and those whose backgrounds in the humanities gave them a different approach.

"I've found that I've had to spend a lot more time with microbiology than my roommate, and perhaps his background with straight sciences is an advantage at this point," said a freshman.

During those first few days the spotlight was on the newcomers during special meetings, physical and dental examinations, and the Dean's smorgasbord luncheon where the students informally met some of the faculty they will get to know well in the next four years.

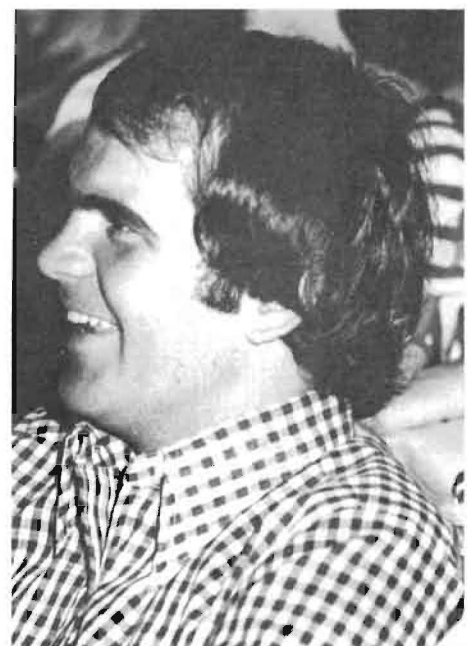
There were those among the group who for a short time were in awe of the modern laboratories and the complexity of the structure of the Medical Center.

Because of their own memories of this period, the Alumni offered a special "extra" with a welcoming party held at the Bath and Tennis Club. Freshmen and graduates alike commented on the advantages of a relaxed atmosphere where impromptu tennis matches and swimming combined with cool drinks and good food to promote informal talks in an "out-of-the-hospital" setting.

And after orientation, it didn't take long for everyone to get down to business. Even before one of the classes had met, the students received their first assignment.

And then suddenly as they met in the dissection room for the first anatomy laboratory, there wasn't any time left for reflections. The Class of '77 was a part of the Medical School.





At the Dean's Luncheon

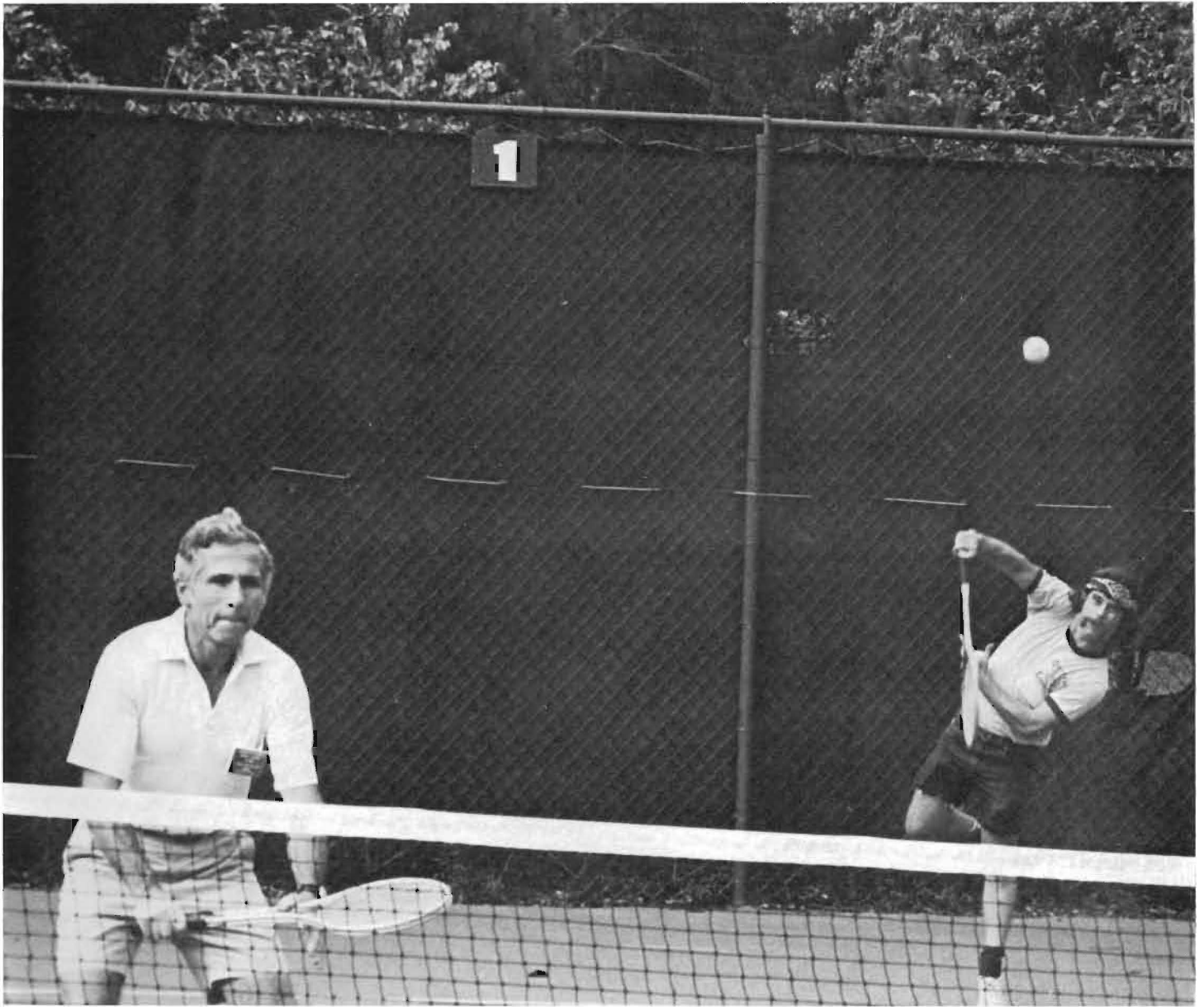


At the Alumni Welcoming



More at the Bath and Tennis Club





And Finally, in the Anatomy Laboratory



Undergraduate Colleges Represented by Class of '77

Amherst College
 Bowdoin College
 California Institute of Technology
 University of California, Berkeley—3
 University of California, Davis—3
 University of California, San Diego
 University of California, Santa Cruz
 University of Chicago
 Colorado College—2
 University of Colorado—3
 Columbia College
 Connecticut College
 The Cooper Union—2
 University of Dayton
 DePauw University—2
 Drury College
 Earlham College
 Eastern Illinois University
 Florida State University
 Furman University
 Grinnell College
 Harvard College
 Harvard University
 Howard University
 University of Illinois—10
 Iowa State University
 John Carroll University
 Johns Hopkins University
 Juniata College
 University of Kansas—2
 University of Kentucky
 Knox College
 Lawrence University
 MacMurray College
 Massachusetts Institute of Technology
 Miami University—2
 University of Michigan—2
 University of Minnesota
 University of Mississippi
 University of Missouri, Columbia
 Morehouse College
 Morgan College
 University of Nebraska—3
 New York University
 University of North Dakota

Northwestern University
 University of Notre Dame—3
 Oberlin College—2
 Ohio State University
 University of Paris
 University of Pennsylvania
 Portland State University
 Prairie View A. and M. University
 Princeton University—3
 Purdue University—5
 Radcliffe College
 Reed College—2
 Rice University—2
 University of Rochester
 Rutgers University
 St. Louis University
 Stanford University—5
 University of South Dakota
 Southern Illinois University
 Southern Methodist University
 Talladega College
 University of Texas
 Tougaloo College
 Valparaiso University
 Vanderbilt University
 Wabash College
 Washburn University
 University of Washington—2
 Washington University—12
 Weber State College
 Whitman College
 Yale University



Annual Statistics Indicate Healthy Growth for WUMC

Washington University Medical Center provided more than \$6.3 million in free patient care last year.

Samuel B. Guze, M.D., president of the Medical Center, made the announcement to the Center's board of directors at the annual meeting in the University's Whittemore House.

The president, who is also vice chancellor for medical affairs, mentioned that 54 per cent of all new outpatient visits in the Greater St. Louis area were in this Medical Center, with City Hospitals receiving 17 per cent; St. Louis University hospitals, 12 per cent; St. Louis County Hospital, 7 per cent; and all others, 10 per cent.

Institutions comprising the Medical Center are Barnes Hospital, Barnard Free Skin and Cancer Hospital, the Central Institute for the Deaf, the

and Rug Co., and on the board of the Jewish Hospital.

Dr. Guze also commented that last year's cost of operations was \$113 million (up from \$86.2 million in 1971), including \$63.4 million in salaries for the 8,487 employees. Capital improvements accounted for \$15.5 million, and \$17.2 million was spent for research.

"Excellence in teaching continues to be one of our prime strengths," he said. "In addition to the 463 medical students, there were 742 interns, residents and postdoctoral fellows, and 872 students in allied health professions (nursing, health care administration, medical dietetics, medical technology, nurse anesthesia, occupational therapy, physical therapy, speech pathology, audiology, and education for the deaf, and x-ray technology)."

pital and the Medical School have joined forces to develop a combined autopsy service and transplantation unit known as CURE, the Clinical Unit for Recent Expirations.

"This year we also opened a new 427-car garage at the corner of Kings-highway and Audubon which brings the Center's total to more than 5,000 off-street parking spaces," he said. "To meet future needs, Barnes Hospital is planning a 1,200-car sub-surface garage opposite its East Pavilion."

Commenting on medical research, Dr. Guze said that even during a period of intense competition for federal grants, "we again saw an increase in our research budget." Of note were the \$470,000 for the establishment of a Lipid Research Laboratory, \$1.2 million to support a drug abuse research pro-

A new WUMC logotype has been approved by the board of directors of the Washington University Medical Center, and soon will be seen in use by the member institutions in a coordinated identity program. The WUMC symbol was designed by Lawrence T. Pfisterer, a graduate student at Washington University's School of Fine Arts.

Washington University



Medical Center

Jewish Hospital of St. Louis, St. Louis Children's Hospital, and Washington University, including its School of Medicine, the Irene Walter Johnson Institute of Rehabilitation, the Mallinckrodt Institute of Radiology, Renard Hospital, and the David P. Wohl Jr. Memorial Hospital and Clinics.

Raymond E. Rowland, chairman of the Barnes Hospital board of trustees, was re-elected chairman of the Medical Center board of directors. Also re-elected were: vice chairman, Henry N. McCluney, vice president, Anheuser-Busch, Inc., and on the board of Central Institute for the Deaf; secretary, Norfleet H. Rand, vice chairman and treasurer of the board of Interco, Inc., and chairman of the Barnard Hospital board; and treasurer, Joseph F. Ruwitch, president, Renard Linoleum

In reviewing the Medical Center's first decade as a corporate entity, Dr. Guze pointed to the impressive growth. "We now cover nearly 50 acres—almost twice the area of 1962. Major construction projects and building acquisitions have made our growth vertical as well as horizontal.

"The most recent addition was the heliport, dedicated in June, which now qualifies this as a Class I emergency facility."

The Medical Center president also touched on the diversity of services available, ranging from a pioneering hospital-based home care program at Jewish Hospital to a nationally recognized school for children with impaired speech and hearing at the Central Institute for the Deaf.

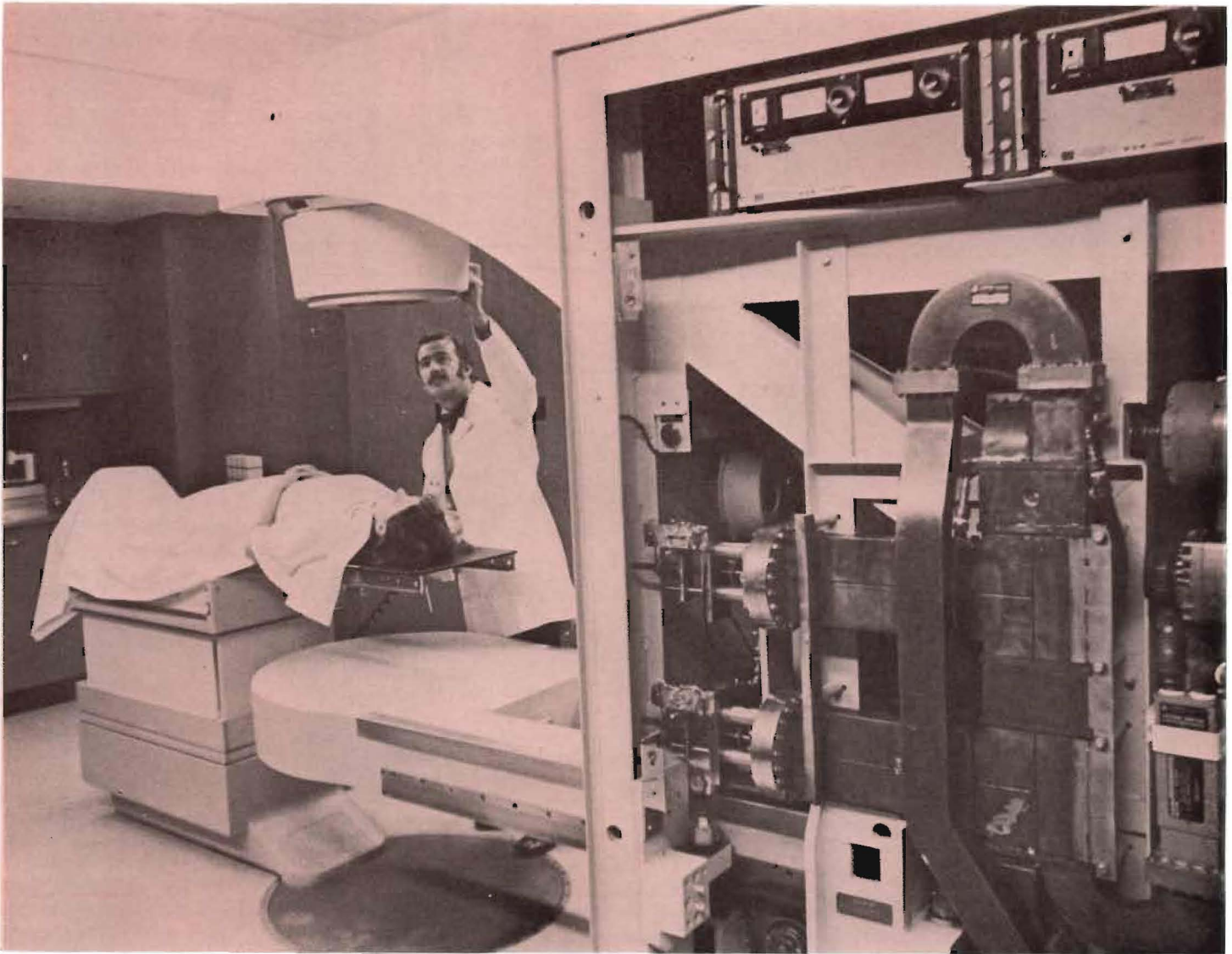
Dr. Guze also mentioned a program where Barnes Hospital, Children's Hos-

gram, \$1 million for research using cyclotron-produced radioactive isotopes for studies in brain metabolism and in blood flow and metabolism of the heart and kidneys, and \$74,725 to evaluate new methods of treating diabetic retinopathy.

"There is, however, reason for serious concern about the future," Dr. Guze noted. "Recent decisions by the government to eliminate or curtail biomedical research training grants threaten all major university medical centers. Without adequate support imaginative young scientists will not be developed.

"But so long as we all work together and continue to warrant and benefit from the generosity of the St. Louis community, the Medical Center will solve our problems, because we have the first rate people to do the job," he concluded.

Maytag Foundation Donates Linear Accelerator to Medical Center



Carlos A. Perez, M.D., professor of radiology, demonstrates Mallinckrodt Institute of Radiology's linear accelerator on a simulated patient. The outer cover of

the equipment was removed to show the complex inner workings to those taking a tour of the facilities.

A prototype of the "ideal" megavoltage radiation therapy unit was dedicated September 14 in the Mallinckrodt Institute of Radiology. The Washington University School of Medicine cancer treatment facility is one of the largest and most sophisticated anywhere.

"The 35 MeV (million electron volt) linear accelerator is an advanced 'state of the art' radiation therapy machine," according to William E. Powers, M.D., professor of radiology and director of the division of radiation oncology.

The Fred Maytag Family Foundation

of Newton, Iowa, donated \$785,000 for the purchase of the linear accelerator, and has pledged an additional \$20,000 annually for five years for maintenance costs.

The Foundation also provided funds for the purchase of a 4 MeV unit which has been in clinical use for two years. This smaller accelerator also has been used to test the field shaping system of the 35 MeV. Additionally, it has been utilized in developing and testing computerized dose distribution equipment, the isodensitometer and automatic dose

plotting system.

Supporting equipment for the 35 MeV accelerator is a \$140,000 computer designed and engineered by Washington University's Biomedical Computer Laboratory, used in plotting complex treatment techniques, and a \$100,000 pre-treatment simulator. "There are several advantages of the new equipment over other radiation therapy facilities," Dr. Powers said. "The new linear accelerator has a greater field size so that a larger portion of the body can be treated with a single exposure. It

provides variable energy, resulting in a greater depth dose with less exposure to superficial structure."

Dr. Powers also pointed out that a higher dose rate can be achieved than now is available with cobalt or betatron therapy. The unit offers flexibility in that the patient can be treated from any direction without being moved.

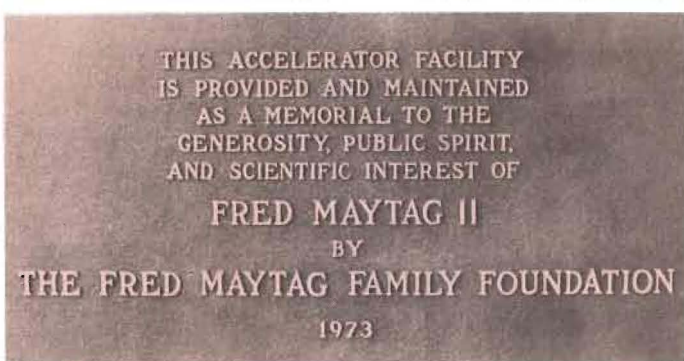
The accelerator produces X-rays or electrons by electronic means, in contrast to the cobalt machines which emit X-rays from a slug of radioactive cobalt. In the accelerator, X-rays are generated by a narrow pencil-shaped beam of electrons moving at very high velocities that impact on different targets for various X-ray outputs. This new accelerator has the capacity of generating electron beams of various energies for more versatile treatment.

The equipment is similar in appearance to although somewhat larger than the cobalt machine. Four-foot thick shielding composed of steel, concrete and lead is far in excess of present safety requirements. This will provide for future expansion capability.

Using the present equipment and the new accelerator, more than 150 patients per day can be scheduled to receive radiation treatment in the Mallinckrodt Institute of Radiology.

During the dedication ceremonies, the 35 MeV linear accelerator was presented to the University by Mrs. Peder Madsen, the former Mrs. Maytag. After acceptance remarks from William H. Danforth, M.D., chancellor; Ronald G. Evans, M.D., professor and head of the department of Radiology; and Samuel B. Guze, M.D., vice-chancellor for medical affairs, the program included three speakers: Thomas F. Eagleton, senator from Missouri, J. Palmer Saunders, Ph.D., director of the division of cancer research resources and centers at the National Cancer Institute; and Gilbert Fletcher, M.D., professor of radiology and director of the department of radiotherapy at M. D. Anderson Hospital and Tumor Institute, Houston, Texas.

Dr. Powers and the staff of the division of radiation oncology presented the program and later provided a tour of the facilities.



(Top) William E. Powers, M.D. (left) and James A. Purdy, Ph.D. (center); talk with Dr. and Mrs. Peder Madsen about the advanced MeV linear accelerator. Mrs. Madsen is the former Mrs. Maytag.

(Center) A bronze plaque commemorates the gift from the Fred Maytag Family Foundation.

(Bottom) Senator Thomas F. Eagleton (left), Ronald G. Evans, M.D. (center), Elizabeth E. Mallinckrodt professor and head of the department of radiology; and Mark D. Eagleton, M.D. '50; at the dedication ceremonies.

Dermatologist Specializes— In General Practice, Surgery and

Not many persons would work seven days a week to train others—and in doing so make their own jobs obsolete—but that is what Michael Gass, M.D. '58, is doing at the Adidome Hospital in Ghana, West Africa.

As head of the hospital, Dr. Gass has a heavy work schedule which includes a full patient load as well as the administration of the 120-bed facility. He and two other physicians also are training Ghanaians to take over their jobs, and hope that the task will be accomplished in another two years.

The staff serves a population of 100,000, and cares for patients in what is comparable to general practice here. "We don't treat many patients with coronary disease, nor do we see many gall bladder problems," Dr. Gass said in a recent visit to the Medical School, "but there is a large amount of tuberculosis, typhoid, pneumonia and tropical disease."

"We also handle urology conditions and gynecology problems at the hospital. And yes, regardless of our specialty training, all of us have surgical patients."

"One of the most important aspects of our work is training African doctors and nurses, some of whom will replace us. Several nursing teams in nearby



villages already are taking care of youngsters under the age of 5 without serious diseases. Many of these nurses perform minor surgery," he noted.

Dr. Gass said that between 100 and 200 patients are seen daily in the outpatient clinic. More than 500 major operations and nearly 2,000 minor ones are performed in a year.

"People from the United States might not even recognize it as a hospital. There are no set visiting hours at Adidome, and patients and relatives

move about freely, often into an interior courtyard. The families generally provide laundry facilities and cook for themselves and the patients.

"We feel that recovery is faster when the relatives are present, especially when the patient is a child," Dr. Gass added. "This seems to be the kind of medical facility that works best for the people in Adidome."

Despite a heavy work load, a personal interest is taken in the patients. Because the hospital is sponsored by the Evangelical Presbyterian Church, spiritual needs and physical ones are both answered by the staff.

Every morning there is a prayer service, and occasionally Dr. Gass preaches on Sundays. The hymnal has been translated into Ewe, the language of the majority of the people of the area, and drumming and dancing have become a part of the service.

"The way one worships is bound to come out of one's culture," Dr. Gass said, "and we want the services to become less westernized and more a part of the African life."

All of these aspects of hospital care are added incentive for patients to come to Adidome from many miles. There are other hospitals in the vicinity, but many people prefer treatment at Adidome because they have a reputation for treating the "total patient."



Missionary Work



The doctor's wife Ruth, who received her B.S. degree in Spanish from Washington University in 1969, works at the hospital each morning as an operating room technician. She does everything from wrapping packs to assisting her husband during surgery.

Because the educational opportunities are so sparse in Adidome, the Gasses two older children, Julia, 14, and Leila, 9, attend an international school in Accra, the capital of Ghana. Quite happy with the dormitory life in the capital, they also are eager for holidays so they can visit with their parents and sister Rebecca, 4, at the hospital settlement.

The African nation that has been home to the Gasses for the past three years also was their residence from 1959 to 1963 after two years of training at Gorgas Hospital, Panama.

In 1963, Dr. Gass decided to return to his alma mater for additional study, and then became an instructor in dermatology. While on the Washington University Medical Center Staff from 1965 to 1969, there was a time when both he and his father, Herbert Gass, M.D. '30, were on the same service. Having two Doctors Gass in the same division sometimes led to some mix-ups when a patient with an appointment with one Dr. Gass ended up in the office of the other—much to the amazement of the

patient and the amusement of the doctors.

When not treating patients, father and son tried to get in a few sets of tennis. Now Michael finds little time for relaxation, although occasionally he still does manage to strum the guitar he learned to play by watching educational television in St. Louis.

Missionary work is a family tradition for both. Mrs. Gass' parents are the

Rev. and Mrs. Elmer H. Gumper, formerly of Quincy, Ill., and now residing in New Braunfels, Tex. They were missionaries in Honduras for more than 15 years. Dr. Gass is the descendant of two generations of medical missionaries with service in India dating back to the 1890s.

After a six-month visit here with relatives, the Gasses will return to Ghana to continue their work in Adidome.



The Doctor in Your House Needs Hawaii in February . . .

. . . and frankly, Doctor, we believe that we have an excellent Clinical Conference planned for you on Maui from February 16 to 23, 1974.

The fact that this meeting will be in Hawaii isn't really coincidental, because we know that you try to get away during the winter, and we think that Maui is a great place to get away to.

The scientific sessions (and you can see there are a variety of meaningful topics) are scheduled only in the mornings, with the afternoons free for you to "do your thing."

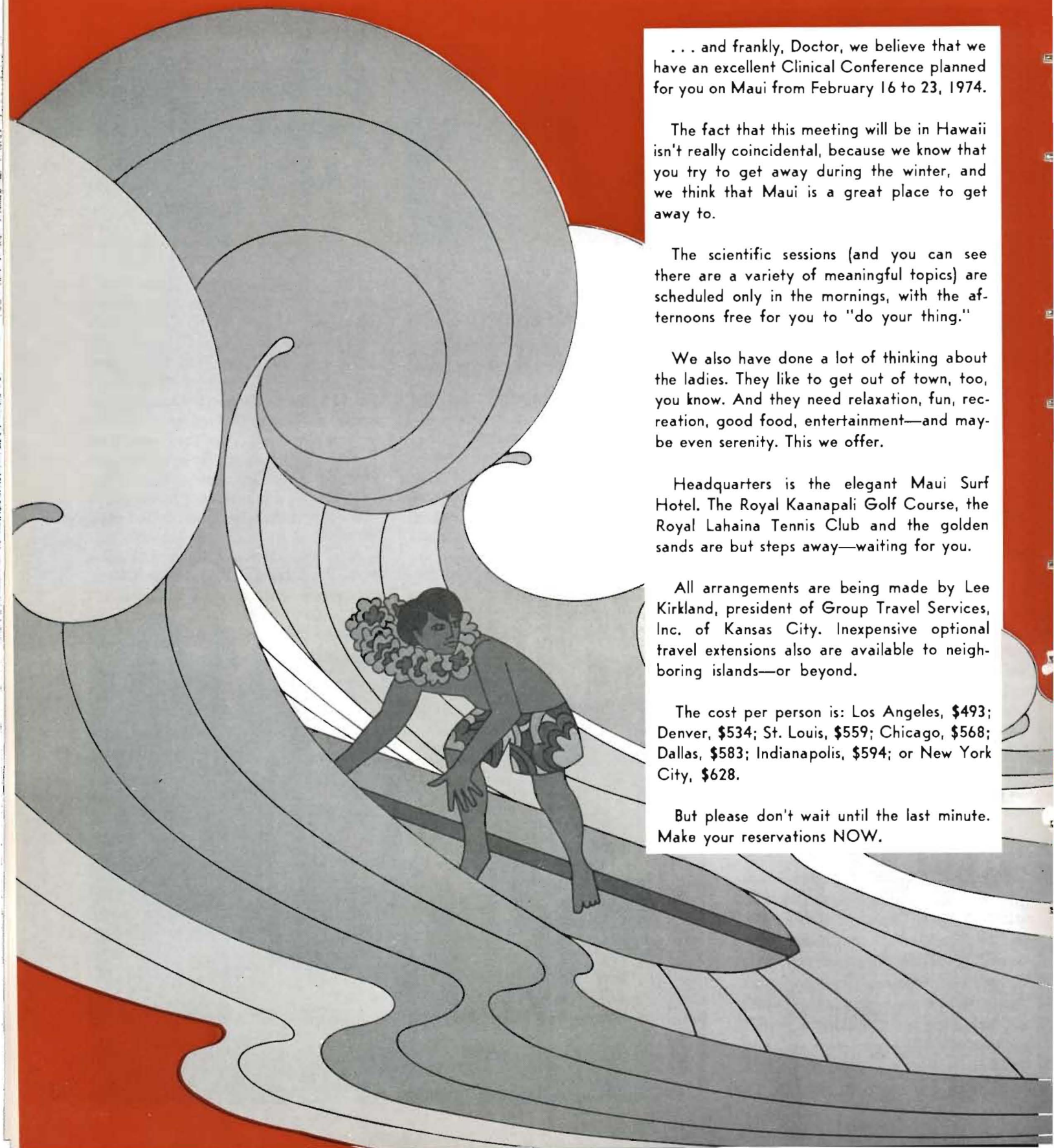
We also have done a lot of thinking about the ladies. They like to get out of town, too, you know. And they need relaxation, fun, recreation, good food, entertainment—and maybe even serenity. This we offer.

Headquarters is the elegant Maui Surf Hotel. The Royal Kaanapali Golf Course, the Royal Lahaina Tennis Club and the golden sands are but steps away—waiting for you.

All arrangements are being made by Lee Kirkland, president of Group Travel Services, Inc. of Kansas City. Inexpensive optional travel extensions also are available to neighboring islands—or beyond.

The cost per person is: Los Angeles, \$493; Denver, \$534; St. Louis, \$559; Chicago, \$568; Dallas, \$583; Indianapolis, \$594; or New York City, \$628.

But please don't wait until the last minute. Make your reservations NOW.



The Program:

JACK BARROW, M.D. '46—Instructor in Clinical Medicine, Washington University; Past-president, Medical Center Alumni Association. "The Allergic Emergency: Management of the Acute Anaphylactic Reaction."



JOHN C. HERWEG, M.D. '45—Associate Dean, Professor of Pediatrics, Washington University. 1) "WUMS Curriculum: Past, Present and Future," 2) "Medical School Admissions: The Challenge of Selection."

RUSSELL J. BLATTNER, M.D. '33—J. S. Abercrombie Chairman of Pediatrics, Baylor College of Medicine. "Congenital Rubella."



CHARLES S. JUDD, JR., M.D. Harvard '46—Professor of Medical History and Surgery, University of Hawaii. "Medicine in Polynesia and Trust Territories."

ELMER B. BROWN, M.D. '50—Professor of Medicine, Associate Dean for Continuing Medical Education, Washington University. "Iron Deficiency: Diagnosis, Treatment, Prevention."



DAVID M. KIPNIS, M.D. Maryland '51—Busch Professor and Head of the Department of Medicine, Washington University. 1) "Future Directions of Departments of Medicine," 2) "Various Types of Metabolic Coma."

PAULA L. CLAYTON, M.D. '60—Associate Professor of Psychiatry, Washington University. 1) "Attempted Suicide: Psychiatric Emergency," 2) "Conjugal Bereavement."



FRANK McDOWELL, M.D. '36—Clinical Professor of Plastic Surgery, University of Hawaii. "My Observation of People's Republic of China."

MARSHALL B. CONRAD, M.D. '45—Assistant Professor of Orthopedic Surgery, Washington University; Past-president, Medical Center Alumni Association. 1) "Emergency Medical Service Systems," 2) "Children's Fractures."



GRANT N. STEMMERMAN, M.D. McGill '43—Clinical Professor of Pathology, University of Hawaii. "Ecology of Cancer in Japanese Living in Hawaii."

RALPH W. HALE, M.D. Illinois '60—Professor and Chairman of the Department of Obstetrics and Gynecology; Assistant Dean, University of Hawaii. 1) "Our Experience Since Passage of Liberal Abortion Law in Hawaii," 2) "Medical Education as Presented in the Land of Aloha."



Program Chairman
JAMES A. WOOD, M.D. '49—President, Medical Center Alumni Association. Instructor in Clinical Medicine, Washington University.

Please rush me complete information about the Washington University Medical Center Alumni Association 1974 Annual Clinical Conference.

WASHINGTON UNIVERSITY MEDICAL
CENTER ALUMNI ASSOCIATION
660 South Euclid Avenue
St. Louis, Missouri 63110

NAME _____

HOME ADDRESS _____

CITY/STATE/ZIP _____

TELEPHONE _____

"Waiting in the Wings" . . . ? Not the Student Wives of Today!

They have been warned—DON'T MARRY A MED STUDENT—but they did it anyway.

But instead of accepting what they have been told as inevitable, the wives of Washington University's medical students are doing something about it.

Not too many years ago it was a foregone conclusion—the role of a medical student wife was negligible: she almost always was unheard from or unseen, but she stoically and diligently either worked to help put him through school and/or made his home life special so that he could complete his rigorous training without losing track of reality.

Most often she was forgotten. The backbone of the team, she gave the incentive to her husband, kept up his strength and spirits, but she remained quietly in the background.

This is not so today. The Washington University Medical Student Wives Club, formed during the late '60s, is a

well-organized group of young women. Most are vibrantly active, and believe in being vocal about it.

They have reassured the newest married among the group of their special roles in the next few years; and have formed an emotional support line to help in times of stress.

In a series of once-a-month planned programs, the wives get together for "more than a gripe session" as Maureen Shanahan, this year's club president said.

Looking at a list of meetings, one can find just about every interest met: from wine and cheese tasting (to welcome the new student wives and women students to St. Louis) to talking with a policewoman about self defense, or Chinese cooking, a marriage counseling session or a childbirth perspectives evening, and a potluck supper and Golden Oldies Record Party to which husbands are invited.

These are a few of the regularly

scheduled meetings, but through the informality and easy-to-meet-each-other atmosphere, there are many times when several of the wives get together for shopping, visiting or an adult evening class on their own.

Far from being quiet and in the background, the Medical Student Wives Club undertook a most ambitious project—a printed guide to St. Louis. It was organized and prepared by a volunteer staff, and published with the assistance of the Admissions office.

Included are where to stay when looking for housing, where to live, to eat, to shop, entertainment, health care information, and a description of special events in the area.

In the restaurant guide there is a sliding scale from very expensive to cheap, and information about the menu and specialties.

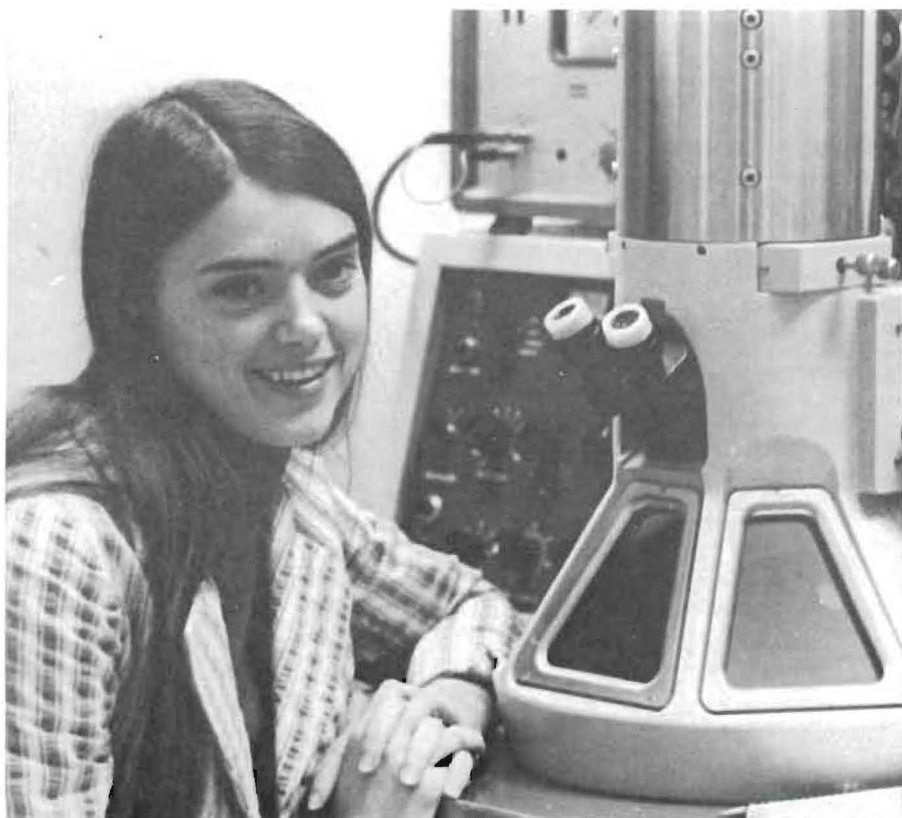
Prospective medical students and wives can write to the Admissions Office to receive the booklet. It is usually

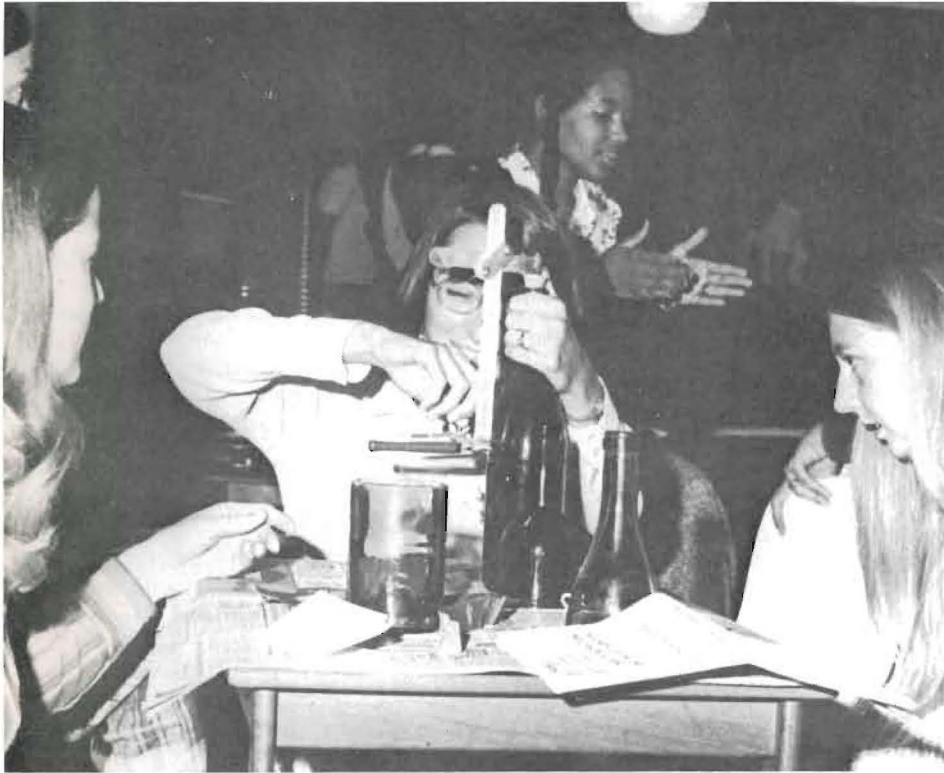
Maureen Shanahan, 24, president of the Medical Students Wives Club, is married to sophomore Dennis Shanahan, who also is a licensed pilot.

Maureen works in the department of pathology for Joseph R. Williamson, M.D., associate professor of pathology and anatomy. She is assisting in the study of the structural and physical properties of the red blood cell, with particular attention to the red cell membrane.

Maureen received the B.A. degree majoring in physical chemistry from Middlebury College, Middlebury, Vermont. Her interests outside the laboratory extend to pottery and ceramics, dance and Chinese cooking.

The other officers for the calendar year 1973-1974 include vice president and program chairman Linda Schilling, wife of second-year student John Schilling; secretary-treasurer Susan Stillings, wife of third-year student Wayne Stillings; and social chairman Debbie Yedlin, wife of third-year student Steven T. Yedlin.





Wednesday of every month in the Penthouse of Olin Residence Hall.

Asked to comment on the future of the club, Maureen Shanahan replied, "From the momentum of the last few years, there is no question that it is well established in the Medical Center community. Freshman students' wives need the opportunity to talk with junior and senior students' wives through the club—to share emotional support and to reinforce healthy family approaches for people with similar conditions. The end of schooling does make a change in the amount of time available for the family. And the new wives are made aware that they are not the only ones who have husbands who study five hours a night. There is a horizon in sight. It's called graduation.

"Yes, we realize that internship and residency training are the next hurdles, but we'll get our husbands through medical school first—then accept new challenges."

accompanied by a personal letter from one of the members of the Wives Club.

One recently married young woman said, "I had been dreading the move with all kinds of apprehensions about not knowing the area. But coming from Oregon to St. Louis was made a lot easier by the friendly personal welcome. The booklet was and is a life-saver."

"It was really wonderful to know that someone out there knew we were coming, and might be able to help us find a place to live—and we weren't completely lost when we arrived."

The Wives Club history is a bit sketchy, Mrs. Shanahan admits. There is no record of its existence before the 1965-dated fragments of information designating the group's formation.

"Under the leadership of Lisa T. Willibrand (wife of Jeffrey, Class of '74), the club really got on its feet in the early '70s," she remarked.

Since then, the active schedule of the club has been well established. The once-a-month meeting, usually attended by about 50 of the 150 on the books, lends credence to the need for such a group.

The club usually meets the first



Student Wives of Today



On a balmy Wednesday evening in October, the Washington University Medical Students Wives Club held a short business session before a craft learning meeting.

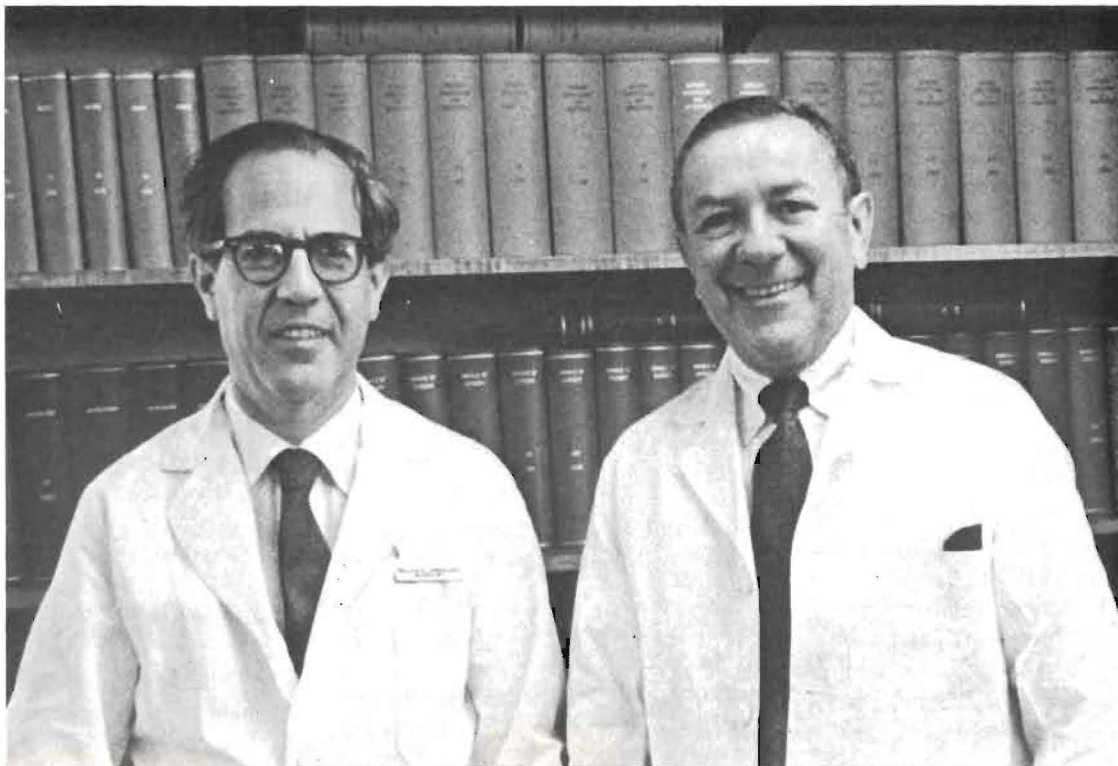
Among the handicrafts demonstrated were knitting, macrame, crocheting, candle making and rug hooking.

Some other favorites were bottle cutting (to make glasses) and crewel. The craftswomen brought along extra materials for the group to learn with, and the participants agreed that the evening was well spent in trying new artistic endeavors.

As the second meeting of the year, it was evident that this was an excellent informal way to meet and talk with other wives.



Two From Class of '47 to Co-Head New Department



William M. Landau, M.D., and Sidney Goldring, M.D.

Washington University School of Medicine's Executive Faculty has approved the formation of a joint Department of Neurology and Neurological Surgery effective July 1, 1974. The increasing number of mutual interests of these disciplines has promoted this action.

Sidney Goldring, M.D., professor of neurological surgery, has been appointed head of neurological surgery and co-head of the new department with William M. Landau, M.D., professor and head of the present Department of Neurology.

Dr. Goldring replaces Henry G. Schwartz, M.D., August A. Busch, Jr., Professor of Neurological Surgery, who is retiring as head of neurological surgery. Dr. Schwartz will continue with his teaching functions and in the practice of neurological surgery.

After he received the M.D. degree from Washington University in 1947, Dr. Goldring had his residency training in neurosurgery at Barnes Hospital. He was a member of the Washington University Medical Faculty from 1956

to 1964 when he left to become chairman of the Division of Neurosurgery at the University of Pittsburgh Health Center Hospitals, including Presbyterian University, Children's, Veterans Administration and Eye and Ear Hospitals. In 1966 he rejoined the Washington University faculty as professor of neurological surgery.

A past chairman of the Neurological Advisory Committee for the Division of Research Grants, National Institutes of Health, he is on the board of directors of the American Board of Neurological Surgeons, the American Association of Neurological Surgeons and the Grass Foundation. He is on the editorial board of the *Journal of Neurosurgery* and the *Journal of Electroencephalography* and *Clinical Neurophysiology*.

Dr. Goldring is respected for his extensive research on brain function, especially as it relates to epilepsy, and for his work with computers in mapping the minute electrical impulses of the human brain.

Dr. Landau, co-head of the new de-

partment, is a native St. Louisan who attended the University of Chicago for undergraduate study, and received the M.D. degree cum laude from Washington University School of Medicine in 1947.

In 1970 he succeeded James L. O'Leary, Ph.D., M.D., as head of the Department of Neurology.

A member of the medical faculty since 1952, Dr. Landau did his graduate training at the University of Chicago Clinics, St. Louis City Hospital, Washington University, and the National Institutes of Health.

As director of the specialty certifying American Board of Psychiatry and Neurology, Dr. Landau is a member of the editorial board of its *Archives of Neurology*. He has served on research advisory committees for the National Institutes of Neurological Disease and Stroke, and United Cerebral Palsy.

He has published extensively on his research dealing with mechanisms of sensation, pain, vision, and normal and abnormal movement as in parkinsonism and stroke.

Alumni Activities

Alumni Surgeons Attend Reception in Windy City

More than 200 attended this academic year's first out-of-town reception sponsored by the Medical Center Alumni Association October 15 at the American College of Surgeons Meeting in Chicago.

Alumni, former house officers and faculty were welcomed to a private dining room of the Conrad Hilton to meet old friends and catch up on recent news. Hosts were Harvey R. Butcher, Jr., M.D., professor of surgery, and James M. Stokes, M.D., '48, immediate past president.

Alumni Office Assistant Director Claire MacConnell said that this was a well-attended gathering. The Medical Alumni will sponsor 11 receptions this year, including one in Hawaii in February.

Pre '20s and '20s

Emanuel Sigoloff, '24, Los Angeles, Calif., plans to retire early in 1974 after 30 years of service in the outpatient clinic of the Veterans Administration Hospital where he was chief of the medical service for 16 years.

Leroy E. Ellison, '25, Warren, Ark., has written nine chapters for his book, *The Thousand Fronts War*, which concerns universal military training and peace-time education.

Willard C. Schwartz, '27, Manhattan, Kan., has retired from active practice.

Franklin E. Walton, '27, St. Louis, who retired in 1970, remains on the Washington University Medical faculty as emeritus professor of clinical surgery.

Justin J. Cordonnier, '28, St. Louis, has retired from the active practice of urology.

Clarence E. Jump, '29, Martinez, Ga., retired after completing 32 years of service with the Veterans Administration. His specialty was psychiatry.

Robert F. Parker, '29, Cleveland, Ohio, has been named dean of medical education at Case Western Reserve School of Medicine. He is professor of microbiology and associate professor of medicine.

'30s

Benjamin F. Byland, '30, Maryville, Mo., is president of Doctors Byland and Wempe, Inc., who have been practicing together for 20 years.

Israel D. Newmark, '30, Chester, Ill., was honored for 40 years of service to the residents of the town at a reception at Memorial Hospital when the mayor proclaimed July 15 as Dr. I. D. Newmark Day.

Orville R. Clark, '31, Topeka, Kan., who practiced general surgery until retirement, served as editor of the *Journal of Kansas Medical Society* for 18 years, and was on the editorial board another 12 years.

Stanley R. Parkinson, '32, Marysville, Calif., retired from the general practice of medicine in January.

Robert S. Smith, '33, Boise, Idaho, is editor of the *Journal of the Medical Staff* at St. Luke's Hospital.

M. Norman Orgel, '34, St. Louis, was elected chairman of the board of directors of the Social Health Association.

K. M. Amlin, '35, Arnold, Calif., is a part-time emergency physician at Mark Twain Hospital in San Andreas.

A. B. Eschenbrenner, '35, Decatur, Ga., who in 1961 retired from U.S. Public Health Service after 22 years to become associate professor of biology at Georgia Institute of Technology, in July, retired from that position.

Kenneth V. Larsen, '35, St. Louis, is treasurer of Pacesetters, a laymen's organization which provides special equipment for Missouri Baptist Hospital.

Ellen Loeffel, '35, St. Louis, was elected a vice-president of the Social Health Association.

Receptions Scheduled

The Washington University Medical Center Alumni Association will sponsor receptions at the following meetings:

American Academy of Orthopaedic Surgeons, Jan. 21, Dallas
American College of Physicians, April 1, New York

Missouri State Medical Association, April 6, Kansas City

Federation of American Societies for Experimental Biology, April 8, Atlantic City

American College of Obstetricians and Gynecologists, April 29, Las Vegas

American Society for Clinical Investigation, May 6, Atlantic City

American Psychiatric Association, May 6, Detroit

American Medical Association, June 24, Chicago

Graduates of the School of Medicine, former house officers, faculty and former faculty, spouses and friends are invited.

Richard A. Sutter, '35, St. Louis, was presented a citation of appreciation from the Herbert Hoover Boys Club, in recognition of free physical examinations for thousands of boys.

M. S. Wepprich, '36, Estes Park, Colo., has been retired since 1971.

Samuel M. Day, Jr., '37, is a Jacksonville, Fla., delegate to the American Medical Association.

Alfred Gelhorn, '37, Philadelphia, Pa., has resigned as dean of the University of Pennsylvania School of Medicine to return to academic pursuits in cancer research, medicine and pharmacology. He will begin work in January in New York City as the first director of City College's Center for Biomedical Education.

M. J. Dakin, '38, Sherman Oaks, Calif., is now specializing in student health at the University of California at Los Angeles.

J. Robert Mangun, '38, Nampa, Idaho, attended the Clinical Congress of Abdominal Surgeons in Hawaii.

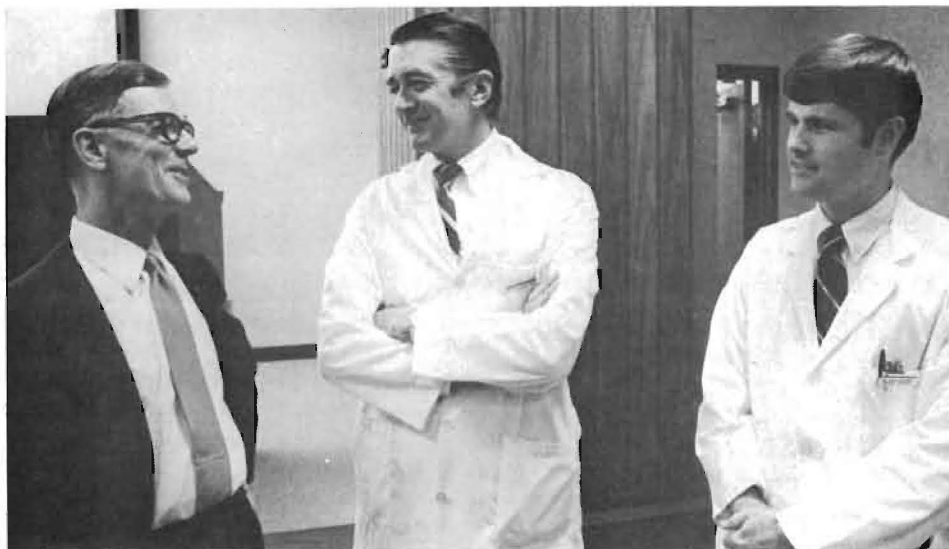
Medical Center Alumni Elect Dr. Wald to Executive Council

Stanley M. Wald, M.D. '46, St. Louis internist, has been elected to the Executive Council of the Washington University Medical Center Alumni Association.

He will fill the term of Sol Weisman, M.D. '32, who was elected in June for three years on the Executive Council. Dr. Weisman died August 17, 1973.

Dr. Wald is an assistant professor of clinical medicine at the School of Medicine. His son, Mark Steven Wald, has just begun his first year as a medical student here.

Robert D. Wald, M.D. '56, Stanley Wald's brother, is a practicing psychiatrist in Sausalito, California.



The 22nd Major Seelig Lecturer, Rodney Smith, F.R.C.S., of London, England, Consultant Surgeon at St. George's Hospital, chatted with Walter F. Ballinger, M.D., Bixby Professor of Surgery and Head of the Department, and John B. Buettner, M.D., chief surgical resident, before the lecture on October 19. The title was "Debatable Issues in Biliary Tract Surgery." On October 22 he also spoke on "Debatable Issues in Pancreatic Surgery."

'40s

David Goldring, '40, St. Louis, professor of pediatrics at WUMS and director of pediatric cardiology at Children's Hospital, was presented \$1,925 from the St. Louis area Alpha Phi Alumnae for research equipment.

Ewald W. Busse, '42, Durham, N.C., was honored at the annual Duke Medical Alumni Weekend, for his 20th year of service in the department of psychiatry.

Helen C. Reller Gottschalk, '42, Corona Del Mar, Calif., is assistant professor of dermatology at the College of Medicine, University of California at Irvine.

Earl W. Sutherland, Jr., '42, appointed distinguished professor of biochemistry at the University of Miami School of Medicine, was among 11 scientists who received the National Medal of Science, the nation's highest award for distinguished achievements in science, at a White House presentation ceremony on October 10. Dr. Sutherland is the 1971 Nobel Laureate in medicine and physiology for his discovery of cyclic AMP's role in the body's metabolism.

Louis A. Gottschalk, '43 December, Corona Del Mar, Calif., is chairman and professor of the department of

psychiatry and human behavior, College of Medicine, University of California at Irvine, and director of psychiatric services at Orange County Medical Center.

Edwin G. Krebs, '43 December, Davis, Calif., was selected a member of the National Academy of Sciences. He is acting chairman of the division of sciences basic to medicine and professor and chairman of the department of biological chemistry at the University of California at Davis. Last year he received a Washington University Alumni Citation for Outstanding Professional Achievement.

J. Louis Schrick, Jr., '43 December, is past president of the Salt Lake County Medical Society and president-elect of the Utah State Medical Association.

David A. Stadtner, '43 December, Stockton, Calif., an allergist, is auditing a residency in general practice.

James C. Folsom, '46, Reston, Va., psychiatrist, is director of the Rehabilitation Medicine Service at the Veterans Administration Central Office in Washington, D.C.

Eugene P. Johnson, '46, Casey, Ill., is trustee of the 8th District of the Illinois State Medical Society and vice

president of the Illinois Academy of Family Physicians.

Nicholas H. Nauert, '46, Houston, Tex., became an associate of Kelsey-Seybold Clinic last spring.

Jack M. Martt, '46, Temple, Tex., whose specialty is cardiology, has joined the Scott and White Clinic.

H. Mitchell Perry, '46, St. Louis, associate professor of medicine at WUMS, was elected president of the Missouri Heart Association.

James C. Sisk, '46, St. Louis, has been elected to a fourth term as chairman of the board of trustees of St. Louis Blue Shield.

Gerald Perkoff, '48, St. Louis, professor of medicine and preventive medicine at WUMS, spoke on a panel concerning "Critical Issues in Health Care" at a meeting of the St. Louis County Medical Society.

John A. McChesney, '49, San Francisco, Calif., is assistant professor in the department of medicine, division of comprehensive ambulatory care at the University of California Medical Center.

Stanley N. Rokaw, '49, Lynwood, is president of the California Thoracic Society.

Alumni Activities

'50s

Oscar T. Pinsker, '51, Kansas City, Mo., is president-elect of Menorah Medical Center staff.

Time magazine had an article about a pressure-sensitive artificial arm produced by **Frank Clippinger, Jr., '52**, Durham, N.C. The device has a strain gauge coupled into a cable that operates the hook end of an artificial arm. An electrical stimulus creates a tingling sensation with the main arm nerve which enables the wearer to tell how much force he is exerting.

Jerome J. Gilden, '52, St. Louis, was appointed director of orthopedic surgery at The Jewish Hospital of St. Louis.

W. Dale Hooper, '52, Beckley, W. Va., is director of the surgical service at Oak Hill Hospital.

Harry S. Jonas, Jr., '52, Independence, Mo., was elected to the National Medical Advisory Committee of Planned Parenthood World Population.

William G. Malette, '53, Jacksonville, Fla., is chairman of the department of emergency medicine and professor of surgery at University Hospital.

Richard H. Weiss, '53, Wilmington, is president of the Delaware Society of Anesthesiologists.

Irving Kushner, '54, Morgantown, has joined the faculty of West Virginia University Medical School as professor of medicine and head of the division of rheumatology.

J. W. Maas, '54, New Haven, Conn., has accepted a position as professor of psychiatry at Yale University.

Keith E. Pipes, '54, St. Louis, was installed as president of the board of directors of the Social Health Association.

D. L. Rucknagel, '54, Ann Arbor, Mich., professor of human genetics at the University of Michigan Medical School, is on leave of absence for one year at the Sickle Cell Center, Howard University, Washington, D.C.

Everette L. Jung, '55, Hamilton, Ohio, is now serving a second term as a member of the Ohio State Board of Education, 8th Congressional District.

Dan B. Moore, '55, Carmichael, Calif., has been appointed assistant professor of clinical surgery at the University of California School of Medicine, Davis. He is a surgeon with the Permanente Medical Group of Sacramento, and director of the surgical residency program in the Sacramento Kaiser Foundation Hospital.

William A. Reynolds, '56, Missoula, Mont., has been certified by the Board of Internal Medicine, and is a fellow of the American College of Physicians. He is a member of the Western Montana Clinic.

Casimer Jasinski, '57, Honolulu, Hawaii, became a diplomate of the American Board of Preventive Medicine in Aviation Medicine. He is Pacific Regional flight surgeon for the Federal Aviation Administration.

Dixon F. Spivy, '57, Chicago, is vice chairman of the department of psychiatry of the Illinois Masonic Medical Center.

R. K. McGregor, '58, Decatur, Ill., is medical director of the Department of Respiratory Therapy at Memorial Hospital, and anesthesiologist-in-chief at Kirby Hospital in Monticello.

Gerald E. Hanks, '59, Sacramento, is president of the Northern California Radiotherapy Association and president-elect of the California Radiotherapy Association.

T. Shelly Ashbell, '59, Chicago, Ill., has been appointed consultant to the hand surgery service in the Department of orthopedics of Cook County Hospital.

Karl A. Jacob, Jr., '59, St. Louis, has been appointed clinical instructor in neurosurgery at the University of Missouri, Columbia.

Robert H. Laatsch, '59, joined a group family practice in Poplar Bluff, Mo., after two years of residency in Oklahoma City.



"Vaginal Fistulas—Surgical Reconstruction," was the title of the lecture by Visiting Professor Dr. Reginald Hamlin, who along with his wife Dr. Catherine Hamlin, spoke at Grand Rounds in the Obstetrics and Gynecology Department. The Hamlins, founders of Addis Ababa (Ethiopia) Fistula Hospital, have successfully treated more than 1,000 cases during the past 14 years. They were in St. Louis as part of a continent-wide visit to lecture on their specialty and promote their foundation.

John Roger West, '59, Sacramento, Calif., is finishing a surgical residency with the Kaiser Foundation.

'60s

Arthur J. L. Schneider, '61, Warrensville Heights, Ohio, was promoted to assistant professor of anesthesiology at Case Western Reserve University.

Issac W. Carhart, Jr., '62, Yakima, Wash., has entered group practice in radiology.

H. Kenneth Fisher, '62, Tucson, is associate professor of internal medicine at the University of Arizona, and chief of the pulmonary section at Veterans Administration Hospital.

Roger R. Smith, '62, San Francisco, Calif., has become a board certified specialist in otolaryngology, and is in private practice.

Mark H. Feingold, '63, Cleveland Heights, Ohio, has been promoted to assistant clinical professor in pediatrics at Case Western Reserve University.

Gordon F. Schaye, '63, New York City, is associate professor of otolaryngology at New York University.

Gerald Wool, '62, St. Louis, spoke on "Resuscitation of the Newborn" to the St. John's Mercy Hospital Nursing Staff. He is secretary-treasurer of the St. Louis Children's Hospital Medical Staff Society, and a member of the University City Board of Health.

William H. Friedman, '64, New York City, is assistant professor of otolaryngology at the Mount Sinai School of Medicine, and chief of the department of otolaryngology at the City Hospital Center at Elmhurst, Queens, N.Y.

David A. Hardy, '64, St. Louis, has been appointed clinical instructor of urology at St. Louis University School of Medicine.

Eunice J. Larson, '64, Huntington Beach, Calif., is pediatric pathologist for Miller Children's Hospital in Long Beach. She holds appointments in pathology and pediatrics at the University of California School of Medicine at Irvine.

David L. McIlwain, '64, Chapel Hill, is assistant professor of physiology at the University of North Carolina School of Medicine.

T. D. Petersen, '64, San Diego, Calif., has been elected chairman of the orthopedic department of Alvarado Hospital.

Hugh H. Tilson, '64, Portland, Ore., is a board certified member in preventive medicine, and vice chairman of the board of directors of Cascade Health Care, a family health center. He is also chairman of the Community Advisory Committee.

Neil Allen Crane, '65, Potomac, Md., is working with the pre-paid Group Health Association.

Lt. Col. William M. Dyer, Jr., '65, was promoted to chief of aeromedical ser-



Missouri Gov. Christopher Bond spoke at the dedication ceremonies designating Barnes Hospital as a regional trauma center. Following the presentation of a plaque by Stephen King, M.D., associate director for health services for Illinois, there were acceptance remarks by the governor and Raymond E. Rowland (with plaque), chairman of the Board of Directors of Barnes Hospital. As chief of the Emergency Medical Services for the Illinois Department of Public Health, David R. Boyd, M.D., spoke about trauma centers in the area and their responsibilities. Closing remarks were by Samuel B. Guze, M.D., vice chancellor for medical affairs, right.

vices at Mather Air Force Base, Calif. He and three other flight surgeons provide medical care for 2,800 personnel on flying status.

Thomas F. Frist, '65, Nashville, Tenn., is executive vice president of the Hospital Corporation of America which owns and operates 52 hospitals. He flies the HCA's Sabreliner jet, and has an airline transport rating.

Donald W. Hammond, II, '65, St. Charles, Mo., has begun orthopedic surgery practice with the Boonslick Medical Group.

Warren B. Howe, '65, Oak Harbor, Wash., has been certified by the American Board of Family Practice.

Jeannie Kinzie, '65, Milwaukee, Wisc., is assistant professor of radiology at the Medical College of Wisconsin.

Stephen Neal Morris, '65, Indianapolis, Ind., is assistant professor of medicine in the department of cardiology at the Indiana University Medical Center.

Paul P. Sher, '65, New York City, is assistant director of clinical laboratories and director of clinical biochemistry at New York University Medical Center.

Neil Valdes, '65, Carbondale, Ill., is in private practice with the Carbondale Clinic.

Mrs. Kirby L. Allen (Amelia E. Massman), '66, Federal Way, Wash., is working in the Family Planning Clinics of the Seattle-King County Health Department. She is also associated with James F. Hazelrigg, M.D., of Browns Point, Wash., in the practice of general medicine.

Kirby L. Allen, '66, Federal Way, Wash., completed his residency at the Tumor Institute of Swedish Hospital and the University of Washington combined radiation therapy program. A new department is under construction at the Tacoma General Hospital where he has begun practice.

Markham J. Fischer, '66, Bayfield, Wisc., is chief radiologist at Memorial Medical Center in Ashland, and Bayfield City Memorial Hospital in Washburn. He is also medical director at Pureair Sanatorium.

Bruce J. Walz, '66, Lexington, Mass., has completed a fellowship in radiation medicine at Massachusetts General Hospital, and is on staff there.

Alumni Activities

David L. Anslinger, '67, St. Louis, is now in private practice in Kirkwood.

Randall Rosenthal, '67, St. Louis, is in private practice and teaching part-time at Jewish Hospital.

Maj. Joel M. Karlin, '68, U.S.A.F. Academy, Colo., became board certified in pediatrics. He is chief of allergy and pediatrics at the Academy.

George M. Lipton, '68, has gone into the private practice of anesthesiology in Hollywood, Fla.

Leonard M. Rodin, '68, Seattle, Wash., has completed a residency in psychiatry and is exploring the islands of the South Pacific, Australia, and New Zealand.

Michael Lynn Cowan, '69, Rockville, Md., is doing a fellowship in hematology at the National Medical Center.

Richard P. Jacobs, '69, Mill Valley, Calif., is a fellow in genitourinary radiology at the University of California in San Francisco.

Edward L. Knuteson, '69, Monroe, Wis., has joined the Monroe Clinic, specializing in dermatology.

William N. Neubauer, '69, Denver, is a senior resident in surgery at the University of Colorado Medical Center.

Michael P. Pacin, '69, Los Angeles, Calif., has begun his last year of residency in allergy.

Barry A. Siegel, '69, St. Louis, has been appointed assistant professor of radiology and director of the division of nuclear medicine at Mallinckrodt Institute of Radiology.

'70s

Quentin MacManus, '70, Portland, has completed two years in the Air Force where he founded Birthright of Oklahoma, an alternative to abortion agency. He has begun a surgical residency at the University of Oregon Medical School Hospital.

Thomas K. McMahan, '70, North Wilkesboro, N.C., is beginning practice in internal medicine.

John P. Moreland, '70, Seattle, has completed a two-year Air Force service, and began an internal medicine residency at the University of Washington.

Lyle D. Pahnke, Jr., '70, New York City, has begun his third year of general surgical residency at New York University-Bellevue Medical Center.

Jo Ellen Zurbrugg, '70, Oak Park, Ill., is a senior resident in pediatrics at the University of Illinois Hospital in Chicago.

Former Faculty and Former House Staff

Juan C. Corvalan, M.D., St. Louis, is a founder director of Diogenes Foundation, a center devoted to youth development and peer-to-peer counseling for drug and substances abuse prevention. The center works with adolescents from the west county.

Robert R. Goodwin, M.D., Louisville, Ky., has been named director of cardiovascular laboratories and assistant professor of medicine at the University of Louisville School of Medicine.

Joe Wheeler Grisham, M.D., has been appointed chairman of the department of pathology at the University of North Carolina School of Medicine.

Neil S. Handleman, M.D., Stockton, Calif., has completed a first-year medical residency at Stanford University Medical Center and is now in the Army in an industrial health clinic.

Leonard Kemler, M.D., is president of the Connecticut Thoracic Society and past president of the Hartford Medical Society. He is clinical associate in surgery at the University of Connecticut School of Medicine.

William R. Platt, M.D., St. Louis, has authored *Color Atlas and Textbook of Hematology*, published by Lippincott Publishing Co., Philadelphia, Pa.

Paddy Taber, M.D., Hollywood, Calif., has been appointed to the committee of radiology of the American Academy of Pediatrics and assistant clinical professor of pediatrics and radiology at the University of California (Los Angeles) Medical School.

Marshall J. Thomas, M.D., has moved from San Diego, Calif., to Palm Harbor, Fla.

George Winokur, M.D., Iowa City, Iowa, has won the \$10,000 first prize for outstanding research awarded by the Anna-Monika Foundation, Basel, Switzerland. He is professor and head of psychiatry at the University of Iowa.

IN MEMORIAM

Alumni

Clarence C. Kress, '05 . Sept. 21, 1973
Eugene F. Wahl, Jr., '06 . . Oct. 28, 1973
Garfield E. Hertel, '08 . . April 11, 1973
C. Ellsworth Black, Jr., '20 June 4, 1973
Grider Penick, '20 May 2, 1973
Davis Levine, '23 June 28, 1973
Volney B. Hyslop, '24 . . Sept. 13, 1973
Ethan B. Pfefferkorn, '24 . June 6, 1973
Grace Edwards-Barar, '29. Jan. 8, 1973
Carl J. Heifetz, '29 Oct. 31, 1973
Bernard J. Conroy, '31 . Aug. 2, 1973
Samuel R. Wallis, '32 . Aug. 25, 1973
Sol Weisman, '32 Aug. 17, 1973
Harmon J. Bailey, '34 . May 31, 1973
Allan B. Phillips, '35 . Date unknown
George L. Calvy, '37 . . . June 2, 1973
James L. Doenges, '38 . . July 21, 1973
Herbert A. Iknayan, '40 . Aug. 21, 1973
Joseph H. Ramsey, '41 . May 27, 1973
Rutledge C. Schropp, '46 . May 8, 1973
William M. Hebert, '50 . May 15, 1973

Faculty

George H. Bishop, Ph.D. . Oct. 11, 1973

Former House Officer

Charles H. Sparks, M.D. . Oct. 15, 1973

Help OUTLOOK Keep Abreast of Your Activities

Dear Readers:

To help us keep your classmates, former house officers or faculty, and friends informed of your achievements, we would appreciate your taking a few minutes to fill out the following questionnaire.

Name _____ Class _____

Address _____

Recent activities (publications, promotions, etc.) _____

Honors, fellowships, medals, honorary degrees _____

Major field of research or study _____

Special interests _____

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Names Make News

Director Named for New Division of Radiation Sciences

"The Department of Radiology at Washington University School of Medicine has a special commitment to the strong support of the sciences in the application of radiation to biomedical problems."

This is the opinion of Michel M. Ter-Pogossian, Ph.D., director of the newly created Division of Radiation Sciences. "Much of the application of our work is directed to the study of the brain," he said, "in the area of cerebral hemodynamics and metabolism. Because of the discipline of radiology—and through the mutual efforts of many persons in the division—we can investigate new applications of radiation for the solution of medical problems."

Specialists working for and with Dr.



Ter-Pogossian include applied mathematicians and computer scientists as well as neurologists, chemists, physiologists, neurosurgeons and research physicists. The 48-year-old scientist also coordinates the teaching and research activities of a large staff.

A graduate of the University of Paris in 1943, he did post-graduate work there and at the Institute of Radium. Dr. Ter-Pogossian received the M.S. degree in 1948 and the Ph.D. degree in 1950 from Washington University, and then was appointed to the School of Medicine faculty.

He was promoted to professor of radiation physics in 1961, and professor of biophysics in physiology in 1964.

Dr. Ter-Pogossian, prominent in the field of radiology, has contributed extensively to scientific journals. His book, "The Physical Aspects of Diagnostic Radiology," was published in 1971.

\$840,798 Grant From AID Opens Fertility Training Center

An Advanced Technology Fertility Training Center (ATFTC) will be established at Washington University School of Medicine with a \$840,798 grant from the Department of State's Agency for International Development.

The ATFTC, which will begin operations this winter, will be part of the Department of Obstetrics and Gynecology's Human Reproduction Research Center. Only the second of its kind in this country, it will be directed by Arpad I. Csapo, M.D., professor of obstetrics and gynecology.

During the first year of operation, the grant will provide fellowships for about 40 physicians from "less developed countries" to attend month-long training sessions. In the second year, 60 will be enrolled.

A two-part program is scheduled: intensive practical instruction to prepare the trainees for fertility management and for teaching such clinics in their own nations; and follow-up technical assistance with visits from the Washington University medical staff.

Instruction in the ATFTC will con-

centrate on contraception, pregnancy diagnosis, prevention and termination; female and male sterilization, treatment of incomplete and septic abortions, and the diagnosis and treatment of infertility.

The fellows also will study family planning program organization, and the social and ethical factors affecting fertility management in their own environments.

The grant provides for travel, housing and subsistence for the foreign physicians.

Members of Dr. Csapo's staff include: James C. Warren, M.D., Ph.D., professor of obstetrics and gynecology and head of the department; Laurence E. Maze, assistant professor of clinical obstetrics and gynecology; Jacques P. Sauvage, M.D., assistant professor of obstetrics and gynecology; Ronald P. Wilbois, M.D., instructor in obstetrics and gynecology; Louis P. Dehner, M.D., assistant professor of pathology and of obstetrics and gynecology; and Ernst R. Friedrich, M.D., associate professor of obstetrics and gynecology.

New Residency to Develop Multispecialty Approach

The Department of Health, Education and Welfare has awarded \$347,871 to Washington University School of Medicine to develop and operate a residency program in primary care for internists and pediatricians.

The purpose of the four-year contract is to develop a model graduate training program in primary care utilizing a multispecialty approach to the delivery of family health services. The school must conduct a postdoctoral program that would qualify trainees to take board examinations for certification as internists or pediatricians.

"In our new training program for internists and pediatricians we plan to provide a select group of residents with a realistic view of medical practice," said Gerald Perkoff, M.D., professor of medicine and preventive medicine and director of the division of Health Care Research.

Some of the ambulatory care training will be provided in the Medical Care Group, a prepaid group practice which is under the auspices of the division of Health Care Research.

"This will be the first time the internal medicine and pediatric residents can view and care for families together in a complementary fashion," Dr. Perkoff said.

At least 13 residents will take part in the program during the contract period. Planning of the program as well as initial recruitment of trainees will occur during the first year.

Eventually the school plans to have five trainees in medicine and three in pediatrics in a two-year program.

The award was made under the Comprehensive Health Manpower Training Act of 1971 by the Bureau of Health Resources Development of the Health Resources Administration.

Similar HEW contracts have been awarded to Boston City Hospital and Stanford University Medical Center.

Names Make News

Class of '76 Honors Freshman Educators

Members of the Class of 1976 have selected seven who instructed them last year as "Outstanding Medical Educators," according to Class Representative Evelyn Weiner. Each faculty member was presented with a memento of the occasion.

Honored from the Department of Anatomy were W. Maxwell Cowan, Ph.D., professor and head of the department; Roy Peterson, Ph.D., professor; David N. Menton, Ph.D., assistant professor; and Robert Porter, M.D., visiting professor.

P. Roy Vagelos, M.D., professor and head of the Department of Biological Chemistry; and Robert E. Thach, Ph.D., professor, were selected in that department.

Stanley Lang, Ph.D., associate professor, was chosen from the Department of Physiology and Biophysics.

March of Dimes Grants Aid Two in Pediatrics Research

Nearly \$60,000 has been awarded to two Washington University School of Medicine researchers by the March of Dimes.

Joseph F. Nee, president of the National Foundation-March of Dimes, announced that Carl H. Smith, M.D., assistant professor of pediatrics and pathology, has received \$45,654 to study some aspects of how amino acids (the building blocks of proteins) are transported from a mother's bloodstream to her unborn child.

Richard E. Marshall, M.D., associate professor of pediatrics and director of the division of neonatology, has been given \$14,080 to determine how and when enzymes (catalytic proteins) act in relation to both normal and abnormal development of the fetus. In his work Dr. Marshall will study the development of the enzyme systems by examining the growth and action of a specific enzymes, first *in vitro* (artificial environment) and later *in vivo* (living body) when embryos are returned to the uterus.

In his grant, Dr. Smith explained that he will incubate normal human placental tissue in culture, measure the uptake (absorption) of amino acids of various types and study some of the effects of hormones, oxygen and other potential regulator substances on this process. He also will analyze aspects of the make-up of the membrane through which amino acids are transferred to the fetal bloodstream.

Dr. Smith explained that the transport system is important to the nutrition of the fetus, and slowdown or stoppage may result in fetal death, growth retardation or certain birth defects.

"Clarification of this vital function of the placenta should improve understanding of the biologic basis of fetal growth and survival in the newborn period," Dr. Smith noted.

Editor of *Clinical Cardiology* Named Director of Division

Burton E. Sobel, M.D., has been appointed director of the Division of Cardiovascular Diseases at Washington University School of Medicine by David M. Kipnis, M.D., Busch Professor and head of the Department of Medicine.

The 36-year-old physician comes from the University of California, San Diego, School of Medicine where he was Director of the Coronary Care Unit and the Myocardial Infarction Research Unit.



He has published extensively on diseases of the heart, and has served as associate medical editor of the *Heart Bulletin*. Dr. Sobel is editor of *Clinical Cardiology* and on the editorial board of *Circulation*. In 1971 he received a Career Development Award from the National Heart and Lung Institute, and the same year was appointed to the advisory panel on cardiovascular renal drugs for U.S. Pharmacopeia.

Dr. Sobel trained at Peter Brent Brigham Hospital in Boston, Mass., and

at the National Heart and Lung Institute, Bethesda, Md., before accepting an appointment at San Diego in 1968.

He is a 1962 magna cum laude graduate of the Harvard Medical School where he was elected to Alpha Omega Alpha, medical honor society, and received the A.B. degree from Cornell University in 1958.

Dr. Sobel was elected to the American Society for Clinical Investigation and the International Study Group for Research in Cardiac Metabolism. He also was elected a fellow in the following organizations: the American Heart Association Council on Clinical Cardiology; the American College of Cardiology and the Cardiac Muscle Society.

Brown-Hazen Program Grants \$36,500 for Medical Mycology

The Research Corporation through funds provided by the Brown-Hazen Program has awarded a grant of \$36,500 to Washington University Medical School for graduate research and training in medical mycology.

The principal investigators are George S. Kobayashi, Ph.D., and Gerald Medoff, M.D., associate professors, division of dermatology and division of infectious diseases of the Department of Internal Medicine and the Department of Microbiology.

The program will provide training in laboratory and clinical investigation in the area of mycology and will prepare the trainees for academic careers.

"Fungi cause serious systemic infections and commonly infect debilitated patients. They are also relevant models for studying genetics and differentiation in eukaryotic (true nuclei) cells. If significant advances are expected to be made in delineating these processes and the cellular and molecular events which occur in the host/parasite interaction, there must be an expanding fund of basic information about pathogenic and non pathogenic fungi," Dr. Kobayashi said.

Monies from the grant are currently supporting three post doctoral fellows and providing equipment and supplies for research.

Groundbreaking ceremonies November 4 for the Harry Edison Child Development Center featured speakers E. James Anthony, M.D., Blanche F. Ittleson Professor of Child Psychiatry and Director of the William Greenleaf Eliot Division of Child Psychiatry; Philanthropist Mrs. Irving Edison, Senator Thomas F. Eagleton, and Eric Newman, secretary for the Harry Edison Foundation. The Foundation donated \$150,000 for the two-story structure which will house administrative offices and facilities for research funded by more than \$2,800,000. Other construction funds also came from the Ittleson Family Foundation, the Mission Free School, and the Children's Research Foundation. More than \$37,000 contributed by family and friends to celebrate her 70th birthday was donated by Mrs. Edison to landscape and furnish the building. The building at 369 North Taylor Ave. will include a spacious open area from the floor to the second story ceiling that will contain plants and trees.



Recognition Given . . .

E. James Anthony, M.D., Blanche F. Ittleson Professor of Child Psychiatry, delivered a keynote address on "Youth in a World of Change" at the International Congress of the World Psychiatric Association in Sydney, Australia. He also chaired an interdisciplinary study group on the subject "Risk and Vulnerability During Development" held in Dakar, Africa.

William C. Banton, II, M.D., St. Louis, has been named director of the Department of Community Health and Medical Care of St. Louis County by Supervisor Lawrence K. Roos.

Barbara R. Cole, M.D., is assistant professor of pediatrics in pediatric nephrology and assistant pediatrician at Children's Hospital. She won the annual young Alumnus Award from Doane College this year.

William H. Daughaday, M.D., professor

of medicine, lectured on "The Crisis in Medical Specialty Training in the United States" as McIlrath Guest Professor at the Royal Prince Alfred Hospital, Sydney, Australia, and at Monash University in Melbourne.

Thomas B. Ferguson, M.D., professor of clinical surgery, and **G. Charles Oliver, M.D.**, associate professor of medicine, have been elected to three-year terms on the board of directors of the Missouri Heart Association.

Theodore J. Hahn, M.D., assistant professor of medicine, has received \$14,949 from the National Foundation-March of Dimes for a grant to define the basic biochemical lesion(s) underlying skeletal abnormalities and growth retardation in patients with the inherited form of vitamin-D-resistant rickets, aimed at development of more effective means of therapy for this chronic disabling congenital disorder.

Stanley J. Kantanie, M.H.C.A., St.

Louis, has been appointed assistant director of the St. Louis University Hospitals. He took his administrative residency at The Jewish Hospital of St. Louis.

Alex C. Sonnenwirth, Ph.D., associate professor of pathology, has been elected a fellow of the American Academy of Microbiology. He also was named a member of the editorial board of Recommended Techniques in Clinical Microbiology published by the American Society for Microbiology.

Herbert B. Zimmerman, M.D., assistant professor of clinical medicine, is heading research in a Heart Association clinical study. The National Heart and Lung Institute has awarded a \$384,475 contract to the St. Louis Heart Association as one of eight clinical centers to plan and carry out a Multiple Risk Factor Intervention Trial for the prevention of coronary heart disease.

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